



*Prototyping Passion*

# SLA Stereolithography Materials

## Accura<sup>®</sup> PEAK<sup>™</sup>

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### Applications

High temperature requirements  
Water and Fluid Handling  
Wind tunnel models

### Features

High stiffness  
High temperature resistance  
Moisture resistance

### Benefits

Allows engineers to use a new material that previously they would have to wait until parts were machined or moulded, Now you can have parts within 48 Hours\*

Ideal for parts with exposure to higher temperatures and or moisture

\* Build time is Subject to part size

## Technical Data

Measurement	Condition	Result
Tensile Strength	ASTM D 638	57-78 MPa
Tensile Modulus	ASTM D 638	4,220 - 4,790 MPa
Elongation at break (%)	ASTM D 638	1.3 - 2.5%
Flexural Strength	ASTM D 790	77 - 126 MPa
Flexural Modulus	ASTM D 790	4,180 - 4,790 MPa
Impact Strength (IZOD Notched)	ASTM D 256	21.3 - 27.3 J/m
Heat Deflection	ASTM D 648 @ 66 PSI	
	@ 66PSI	78°C
	@ 264 PSI	59°C
Heat Deflection with 120° Post Cure	ASTM D 64 @ 66 PSI	
	@ 66PSI	153°C
	@ 264 PSI	124°C
Glass Transition (Tg) with 120° Post Cure	DMA,E''	110°C
Hardness - Shore D		86

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